

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
2. NAME OF OPERATOR: Newfield Production Company		8. UNIT or CA AGREEMENT NAME: NA	
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052		PHONE NUMBER: (435) 646-3721	9. WELL NAME and NUMBER: Tanner-Jorgenson 13-22-4-1
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SW/SW 739' FSL 475' FWL AT PROPOSED PRODUCING ZONE:		10. FIELD AND POOL, OR WILDCAT: Monument Butte	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 22 4S 1W		12. COUNTY: Duchesne	
13. STATE: UTAH		14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 10.2 miles southeast of Myton, Utah	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 475' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: NA	
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres		18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA	
19. PROPOSED DEPTH: 6,875		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5141' GL		22. APPROXIMATE DATE WORK WILL START:	
23. ESTIMATED DURATION: (7) days from SPUD to rig release		24. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	8 5/8 J-55 24.0	300	Class G w/2% CaCl 155 sx +/- 1.17 15.8
7 7/8	5 1/2 J-55 15.5	6,875	Lead(Prem Lite II) 275 sx +/- 3.26 11.0
			Tail (50/50 Poz) 450 sx +/- 1.24 14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist
SIGNATURE [Signature] DATE 4/2/09

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34259

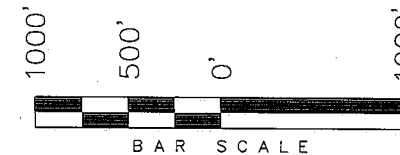
APPROVAL:

RECEIVED
APR 06 2009
DIV. OF OIL, GAS & MINING

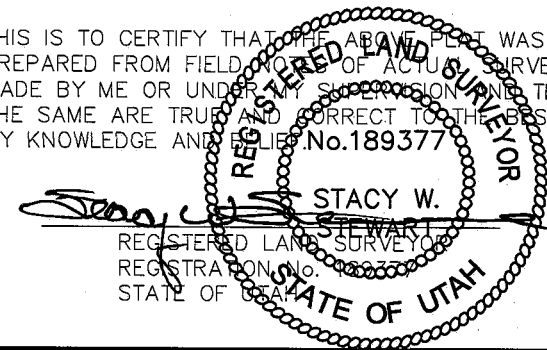
T4S, R1W, U.S.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELL 13-22-4-1W,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 22, T4S, R1W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 08-29-08	SURVEYED BY: T.C.
DATE DRAWN: 09-24-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

S89°58'W - 80.00 (G.L.O.)
2642.24' (Measured)
S89°58'W G.L.O. (Basis of Bearings)

1/2" Rebar in
Pile of Stones

Aluminum Cap
Marked
PLS 148953

WELL LOCATION:
WELL 13-22-4-1W
ELEV. UNGRADED GROUND = 5141.3'

22

5/8" Rebar in
Pile of Stones
at Fence Corner

514.06' 19"E 1953.00'

DRILLING
WINDOW

475'
739'
200'

N89°53'W - 80.24 (G.L.O.)

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

WELL 13-22-4-1W
(Surface Location) NAD 83
LATITUDE = 40° 06' 55.38"
LONGITUDE = 109° 59' 24.84"

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SW/SW 1827 586115X 40.115531 AT PROPOSED PRODUCING ZONE: 4440859Y -109.981483		10. FIELD AND POOL, OR WILDCAT: Monument Butte	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 22 4S 1W		12. COUNTY: Duchesne	
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RECEIVED
APR 27 2009

DIV. OF OIL, GAS & MINING

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NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist
SIGNATURE *Mandie Crozier* DATE 4/24/09

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34259

APPROVAL:

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/27/2009

API NO. ASSIGNED: 43-013-34259

WELL NAME: TANNER-JORGENSEN 13-22-4-1
OPERATOR: NEWFIELD PRODUCTION (N2695)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 22 040S 010W
SURFACE: 0827 FSL 0512 FWL
BOTTOM: 0827 FSL 0512 FWL
COUNTY: DUCHESNE
LATITUDE: 40.11553 LONGITUDE: -109.98948
UTM SURF EASTINGS: 586115 NORTHINGS: 4440859
FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	6/17/09
Geology		
Surface		

LEASE TYPE: 4 - Fee
LEASE NUMBER: FEE
SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: GRRV
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-7478)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
 Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
 R649-3-11. Directional Drill

COMMENTS:

Rec'd Permit 4-21-09

STIPULATIONS:

*1- Spacing Slip
2- Surface Cas. Cont Slip
3- Statement of Basis*

Application for Permit to Drill

Statement of Basis

4/27/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1400	43-013-34259-00-00		OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY	Surface Owner-APD			
Well Name	TANNER-JORGENSEN 13-22-4-1	Unit			
Field	MONUMENT BUTTE	Type of Work			
Location	SWSW 22 4S 1W U 739 FSL 475 FWL	GPS Coord (UTM)	586104E	4440833N	

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows 5 water wells within a 10,000 foot radius of the center of Section 22. All wells are privately owned. Depth is not listed for any of the wells. Water use is listed as irrigation, stock watering, and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Surface casing should be extended to cover the estimated base of the moderately saline ground water.

Brad Hill
APD Evaluator

4/27/2009
Date / Time

Surface Statement of Basis

The proposed location is approximately 10.2 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. Twelve hundred and twenty feet of existing low standard road across Larsen's land will be improved to access the location.

The proposed Tanner-Jorgenson 13-22-4-1 oil well pad is on the north end of an furrow irrigated agricultural field. It has been located in the northwest corner of the normal drilling window to reduce the loss of land being farmed. The access road will enter the pad between Corners 1 and 2 rather than from the south as shown on the Location Layout Sheet. Also the top soil will be moved to the north end of the site. The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well. Approximately 40 yards north of the location is a pond in a swale that contains riparian vegetation

Nolan Larsen owns the surface. His son, Lane Larsen was at the pr-esite visit. He was acceptable to the plans as modified. A landowner surface use agreement has been executed. The minerals are FEE but owned by another party and under lease to Newfield Production Company.

The reserve pit will be 40' x 70' x 8' deep located in an area of cut on the southwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Floyd Bartlett
Onsite Evaluator

4/21/2009
Date / Time

Application for Permit to Drill

Statement of Basis

4/27/2009

Utah Division of Oil, Gas and Mining

Page 2

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name TANNER-JORGENSEN 13-22-4-1
API Number 43-013-34259-0 **APD No** 1400 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWSW **Sec** 22 **Tw** 4S **Rng** 1W 739 FSL 475 FWL
GPS Coord (UTM) 586123 4440860 **Surface Owner**

Participants

Floyd Bartlett and Mark Rehinbolt (DOGM), Tim Eaton, Brian Foote and Jeff Henderson (Newfield Production Co.), Lane Larson (Landowner Representative).

Regional/Local Setting & Topography

The proposed location is approximately 10.2 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. Twelve hundred and twenty feet of existing low standard road across Larsen's land will be improved to access the location.

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Nolan Larsen owns the surface. His son, Lane Larsen was at the presite visit. He was acceptable to the plans as modified. A landowner surface use agreement has been executed. The minerals are FEE but owned by another party and under lease to Newfield Production Company.

Surface Use Plan

Current Surface Use

Grazing
Agricultural

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.23	Width 204	Length 305	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Plowed agricultural field and barren area.
Cattle, deer, prairie dogs, small mammals and birds.

Soil Type and Characteristics

Deep sandy loam.

Erosion Issues N**Sedimentation Issues** N**Site Stability Issues** N**Drainage Diversion Required** N**Berm Required?** Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	<25 or recharge area	20
Distance to Surface Water (feet)	200 to 300	10
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 45 1 **Sensitivity Level****Characteristics / Requirements**

The reserve pit will be 40' x 70' x 8' deep located in an area of cut on the southwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y**Other Observations / Comments**Floyd Bartlett
Evaluator4/21/2009
Date / Time

Casing Schematic

12

TOC @
121
— 400
Surface
400. MD

TOC @ 121 → to surf w/ 6% w/o
Surface 400 ± BMSW + Stop ✓

TOC 1266.

TOC @ 1266. → to 112' w/6% w/o, tail 4280 ✓
o.k.

2005' Green River

✓ Stop cmts

4723 tail

5-1/2"
MW 8.4

6875' Wasatch
Production
6875. MD

Well name:	43013342590000 Tanner-Jorgenson 13-22-4-1	
Operator:	Newfield Production Company	Project ID:
String type:	Surface	43-013-34259-0000
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 71 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 121 ft

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 349 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,875 ft
Next mud weight: 8.400 ppg
Next setting BHP: 3,000 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	175	1370	7.851	400	2950	7.38	10	244	25.42 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 810-538-5357

Date: June 4, 2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013342590000 Tanner-Jorgenson 13-22-4-1		
Operator:	Newfield Production Company		
String type:	Production	Project ID:	43-013-34259-0000
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 161 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 1,266 ft

Burst

Max anticipated surface pressure: 1,488 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 6,001 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6875	5.5	15.50	J-55	LT&C	6875	6875	4.825	918.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3000	4040	1.347	3000	4810	1.60	93	217	2.33 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 810-538-5357

Date: June 4, 2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 6875 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Newfield Tanner-Jorgenson 13-22-4-1

API 43-013-34259-0000

INPUT

Well Name

Newfield Tanner-Jorgenson 13-22-4-1 API 43-013-34259-0000

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

String 1	String 2		
8 5/8	5 1/2		
400	6875		
0	400		
8.4	8.4	✓	
0	2000		
2950	4810		
2977	8.3 ppg	✓	

Calculations

String 1 8 5/8 "

Max BHP [psi]

.052*Setting Depth*MW = 175

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 127

NO

O.K.

Air drill

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 87

NO

*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe

Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 87

NO

O.K.

Required Casing/BOPE Test Pressure

400 psi

*Max Pressure Allowed @ Previous Casing Shoe =

0 psi

*Assumes 1psi/ft frac gradient

Calculations

String 2 5 1/2 "

Max BHP [psi]

.052*Setting Depth*MW = 3003

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 2178

NO

Air Drill

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 1491

YES

O.K.

*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe

Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 1579

NO

Reasonable for area

Required Casing/BOPE Test Pressure

2000 psi

*Max Pressure Allowed @ Previous Casing Shoe =

400 psi

*Assumes 1psi/ft frac gradient

FORM 3

AMENDED REPORT ☒

(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO. Fee	6. SURFACE Fee
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15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 493' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: NA		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA		19. PROPOSED DEPTH: 6,875		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5141' GL		22. APPROXIMATE DATE WORK WILL START: 3rd Qtr. 2009		23. ESTIMATED DURATION: (7) days from SPUD to rig release	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	8 5/8 J-55 24.0	400	Class G w/2% CaCl 175 sx +/- 1.17 15.8
7 7/8	5 1/2 J-55 15.5	6,875	Lead(Prem Lite II) 275 sx +/- 3.26 11.0
			Tail (50/50 Poz) 450 sx +/- 1.24 14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | | | |
|-------------------------------------|--|-------------------------------------|---|
| <input checked="" type="checkbox"/> | WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> | COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> | EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> | FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist
SIGNATURE Mandie Crozier DATE 5/15/09

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34259

**Approved by the
Utah Division of
Oil, Gas and Mining**

APPROVAL:

RECEIVED

MAY 15 2009

DIV. OF OIL, GAS & MINING

(11/2001)

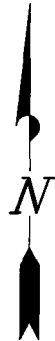
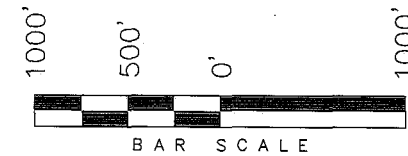
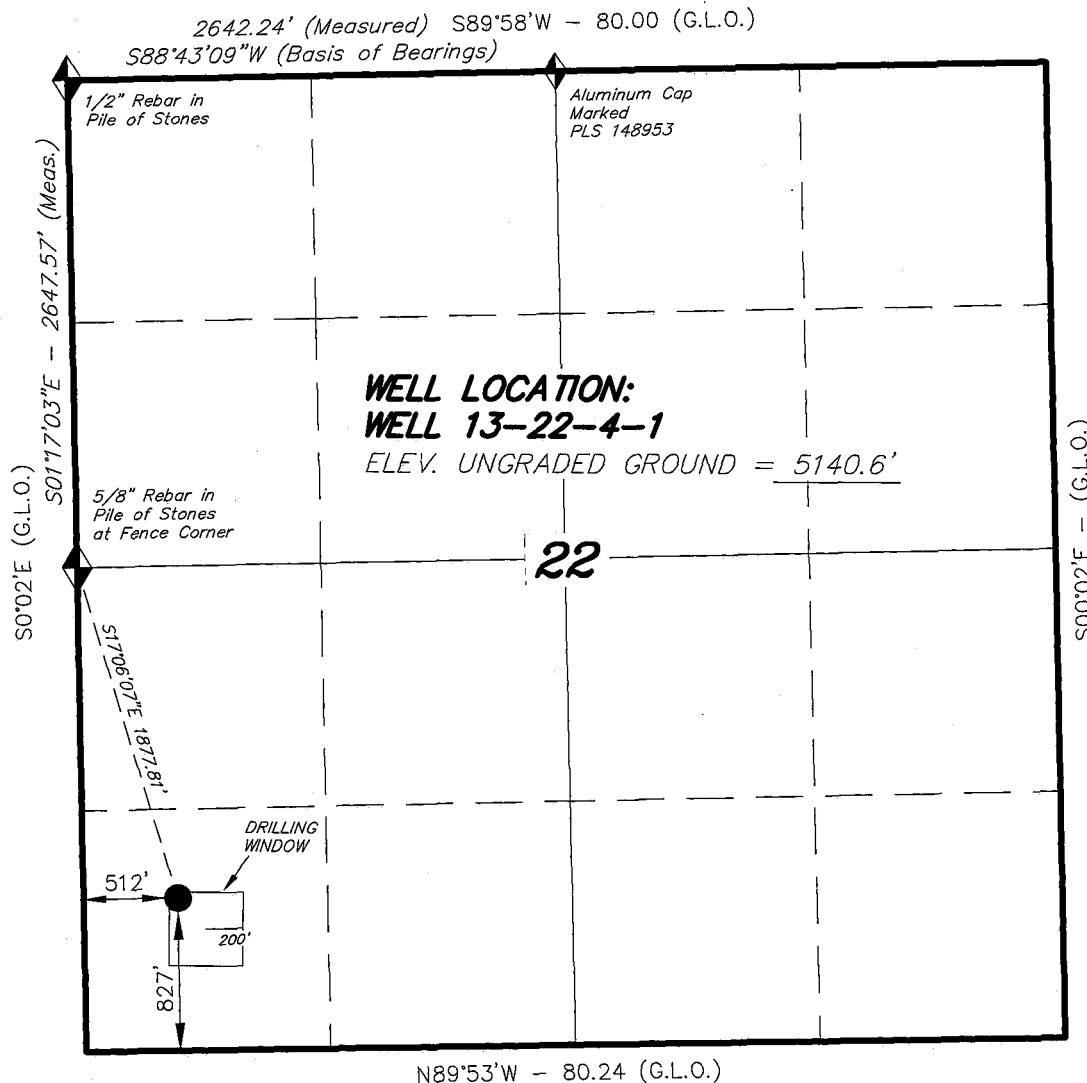
Date: 06-
(See Instructions on Reverse Side)

By:

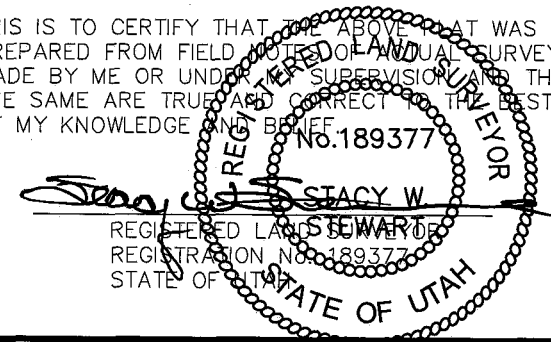
T4S, R1W, U.S.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELL 13-22-4-1,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 22, T4S, R1W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF LAND SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 04-17-09	SURVEYED BY: T.H.
DATE DRAWN: 04-20-09	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

WELL 13-22-4-1
(Surface Location) NAD 83
LATITUDE = 40° 06' 56.25"
LONGITUDE = 109° 59' 24.38"

NEWFIELD PRODUCTION COMPANY
TANNER-JORGENSEN 13-22-4-1
SW/SW SECTION 22, T4S, R1W
DUSCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 – 2,005'
Green River	2,005'
Wasatch	6,875'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 2,005' – 6,875'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM:

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 400' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 350 feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' \pm , and a Compensated Neutron-Formation Density Log from TD to 3500' \pm . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2009, and take approximately seven (7) days from spud to rig release.

2-M SYSTEM

Blowout Prevention Equipment Systems

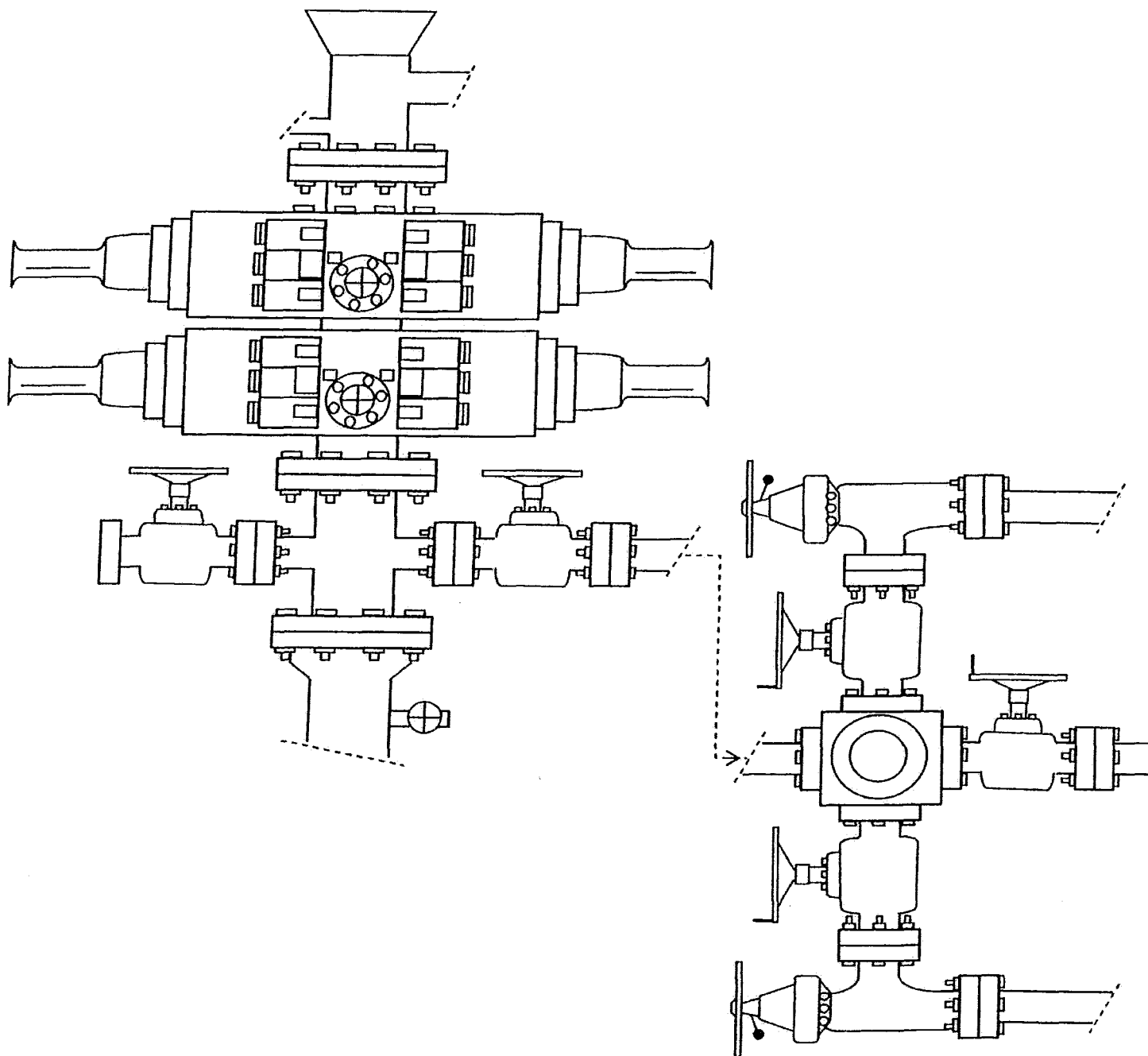


EXHIBIT C

NEWFIELD PRODUCTION COMPANY
TANNER-JORGENSEN 13-22-4-1
SW/SW SECTION 22, T4S, R1W
DUSCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Tanner-Jorgenson 13-22-4-1 located in the SW¼ SW¼ Section 22, T4S, R1W, S.L.B. & M., Duchesne County, Utah:

Proceed in a southerly direction out of Myton, approximately 3.0 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed in a northeasterly direction approximately 3.2 miles to it's junction with an existing road to the northeast; proceed in an northeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed in an easterly direction approximately 0.3 miles to it's junction with the beginning of the proposed access road; proceed along the proposed access road approximately 1200' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 1200' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000

PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Nolan Larsen
See attached Easement ROW and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological and Paleontological Report Waiver is attached. See Exhibit "D".

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Tanner-Jorgenson 13-22-4-1, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Tanner-Jorgenson 13-22-4-1 Newfield will use, produce, store, transport or

dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

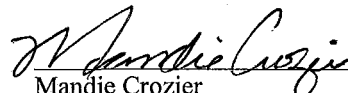
Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #13-22-4-1, SW/SW Section 22, T4S, R1W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

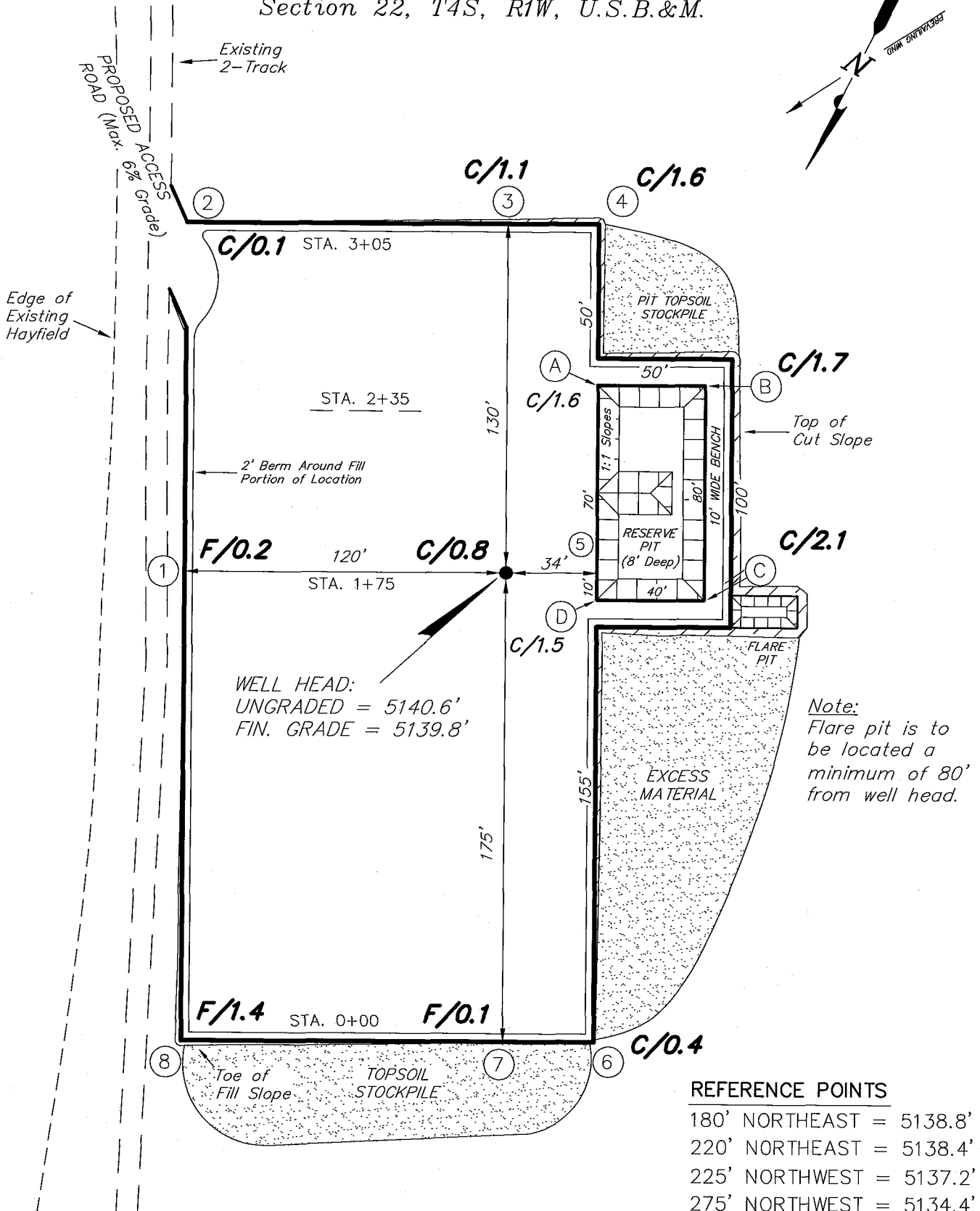
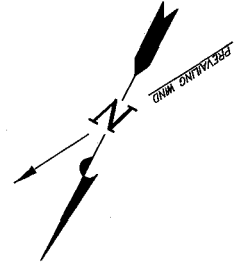
4/24/09
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL 13-22-4-1

Section 22, T4S, R1W, U.S.B.&M.



REFERENCE POINTS

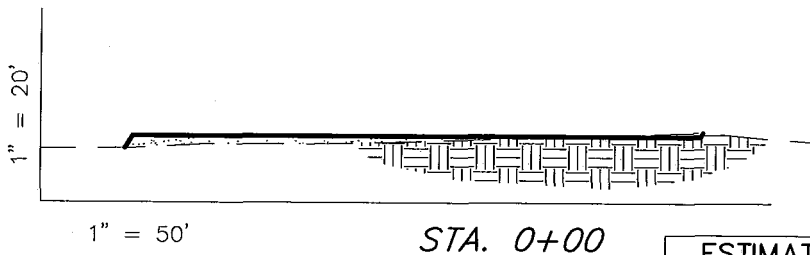
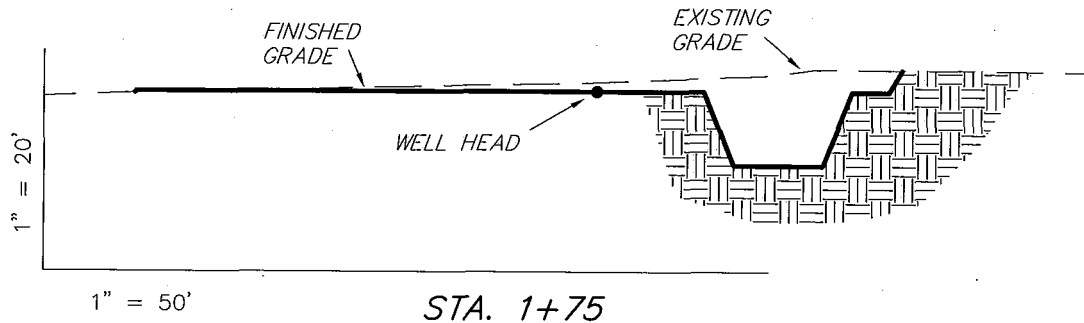
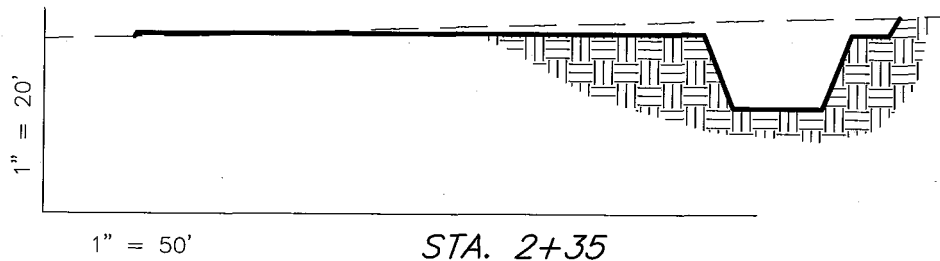
180' NORTHEAST = 5138.8'
 220' NORTHEAST = 5138.4'
 225' NORTHWEST = 5137.2'
 275' NORTHWEST = 5134.4'

SURVEYED BY: T.H.	DATE SURVEYED: 04-17-09
DRAWN BY: F.T.M.	DATE DRAWN: 04-20-09
SCALE: 1" = 50'	REVISED: L.C.S. 04-23-09

Tri State
 Land Surveying, Inc.
 (435) 781-2501
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS WELL 13-22-4-1



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	590	590	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,230	590	1,000	640

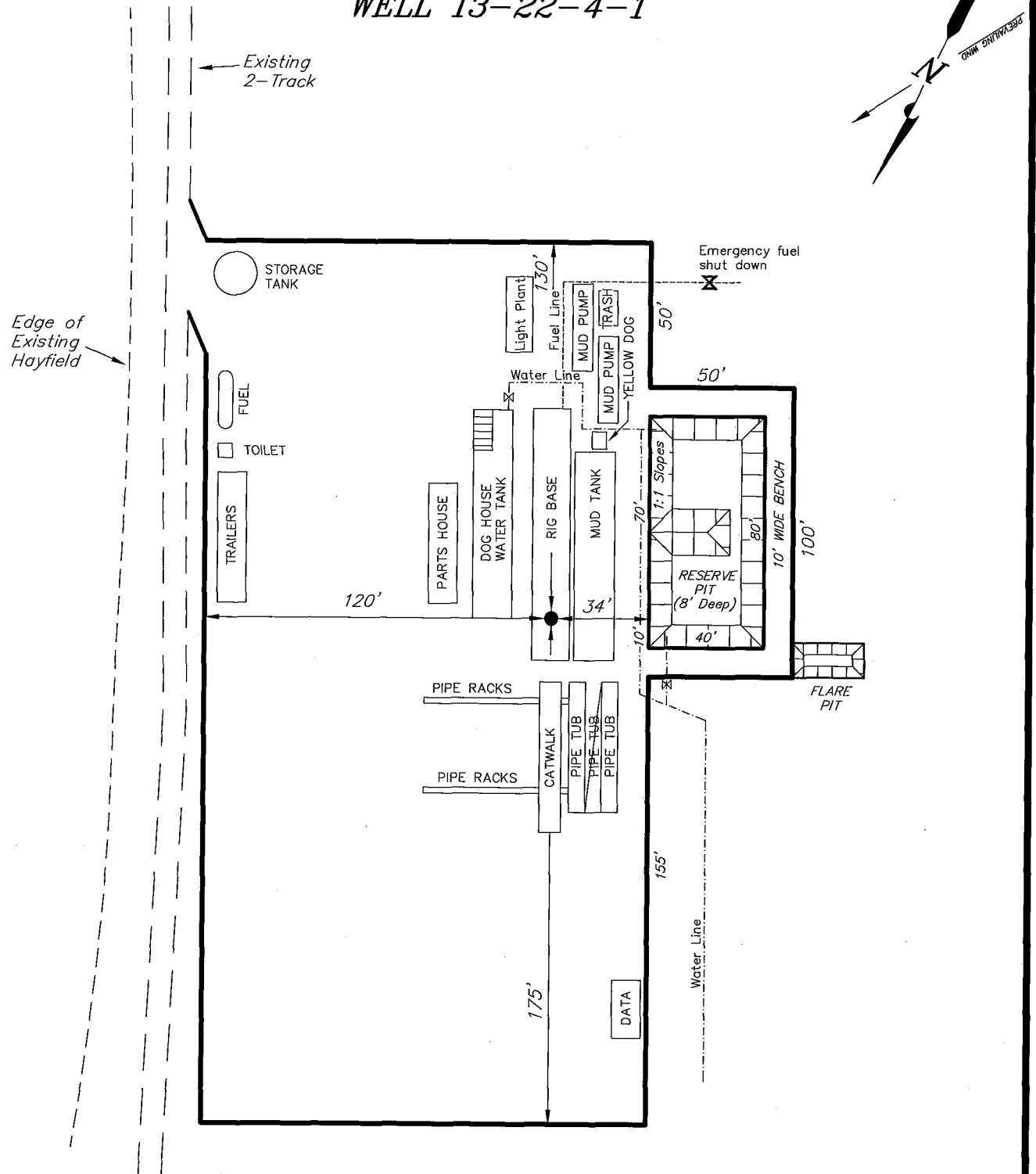
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DRAWN BY: F.T.M. DATE DRAWN: 04-20-09
SCALE: 1" = 50' REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

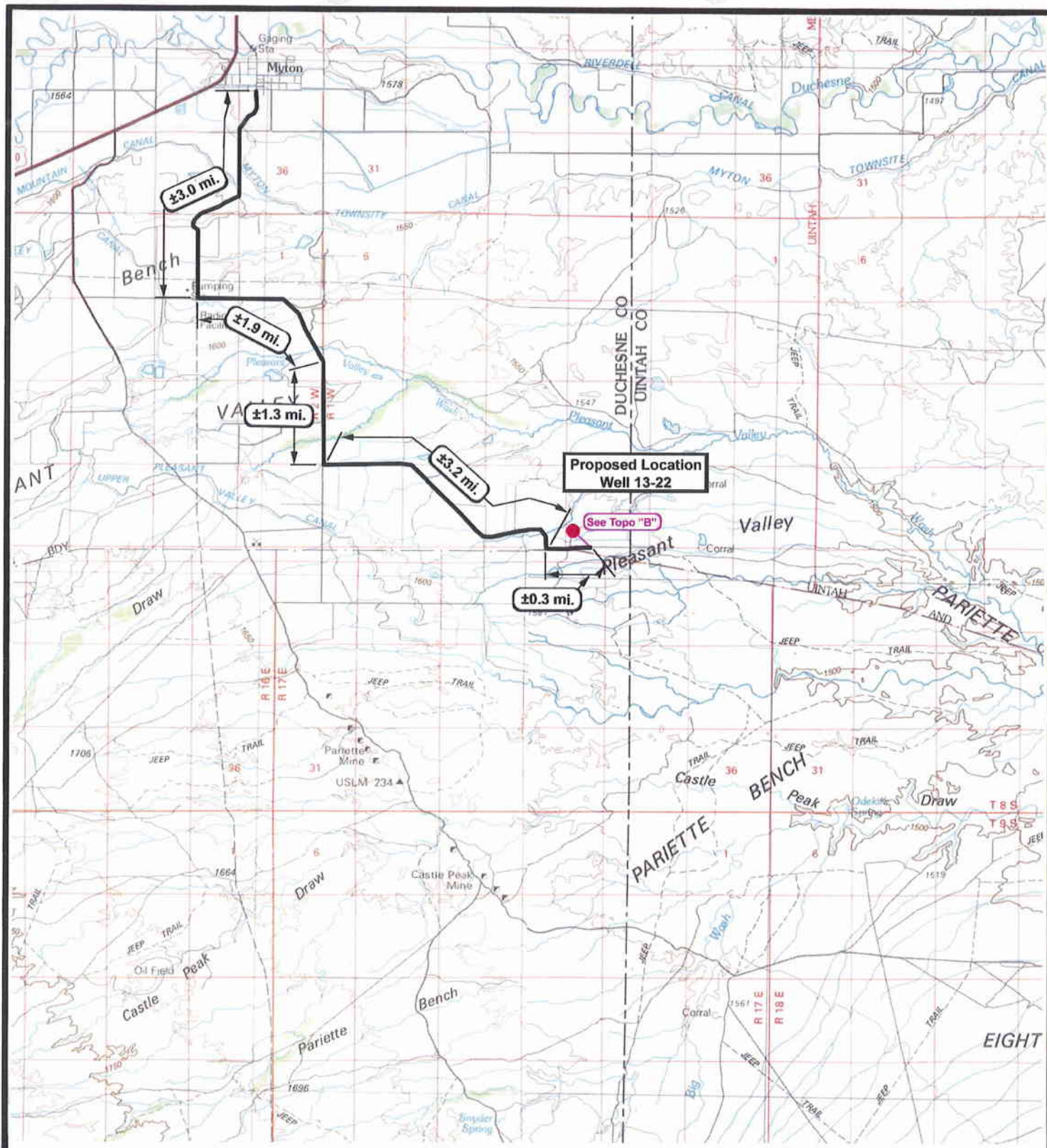
TYPICAL RIG LAYOUT

WELL 13-22-4-1



SURVEYED BY: T.H.	DATE SURVEYED: 04-17-09
DRAWN BY: F.T.M.	DATE DRAWN: 04-20-09
SCALE: 1" = 50'	REVISED: L.C.S. 04-23-09

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 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

Well Pad 13-22-4-1
SEC. 22, T4S, R1W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

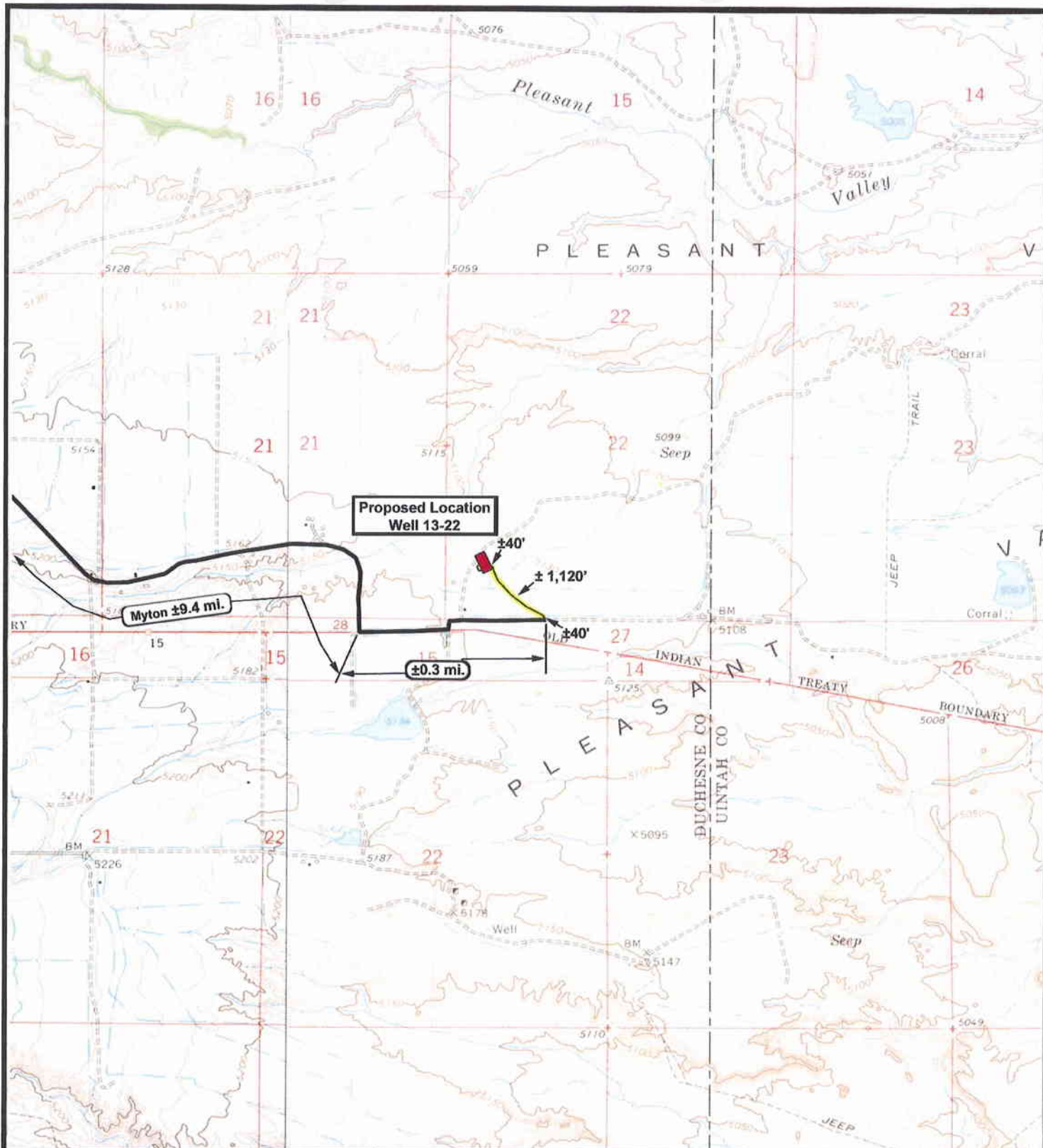
DRAWN BY: JAS

DATE: 04-23-2009

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Well Pad 13-22-4-1
SEC. 22, T4S, R1W, U.S.B.&M.

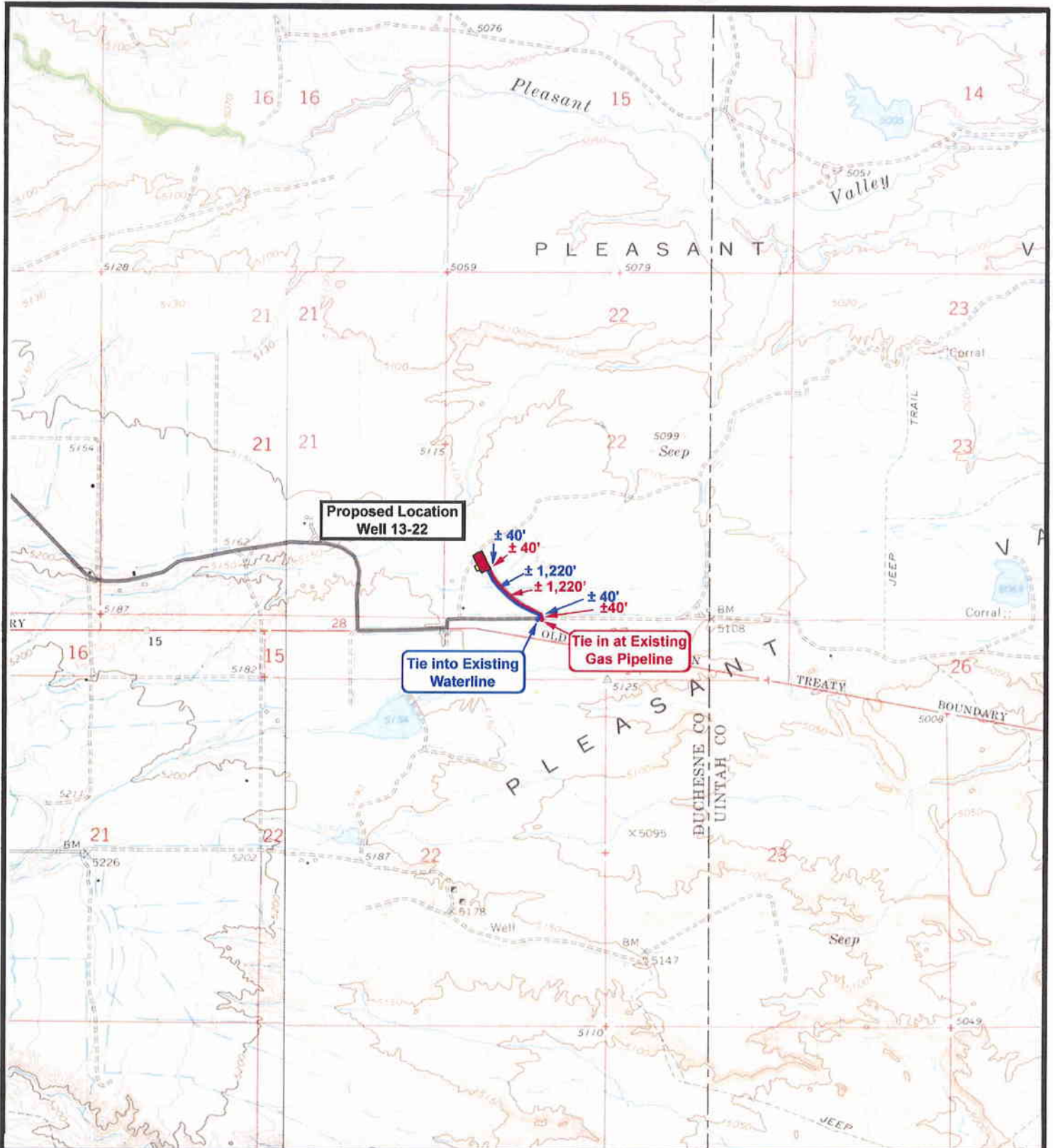
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 04-23-2009

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

Well Pad 13-22-4-1
SEC. 22, T4S, R1W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

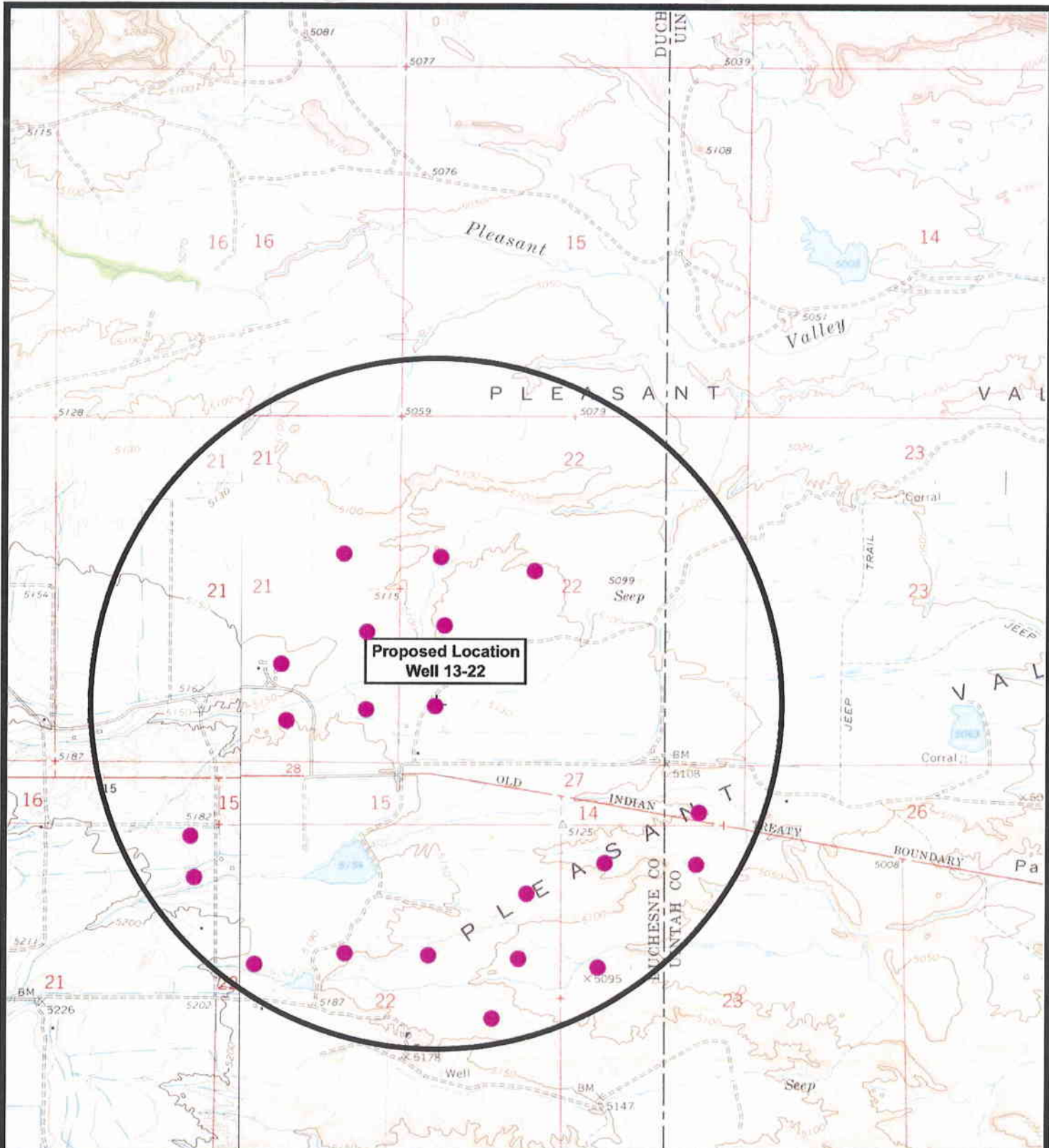
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 04-23-2009

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



NEWFIELD
Exploration Company

Well Pad 13-22-4-1
SEC. 22, T4S, R1W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 04-23-2009

Legend

- Location
- One-Mile Radius

Exhibit "B"

Robert 4-19
" " 5-19
Prewitt 11-19
12-19

SURFACE USE AGREEMENT

THIS AGREEMENT, made and entered into by and between Nolan O. Larsen and Vicki Lynn Larsen, individually and as husband and wife, parties of the first part, hereinafter collectively referred to as "Owner", of POB 25 Myton UT 84052, and Inland Production Company, part of the second part, hereinafter referred to as "Inland", of 475 - 17th Street, Suite 1500, Denver, Colorado 80202

WITNESSETH:

WHEREAS, Owner is the owner in fee of all or a portion of the surface to the following described lands situated in Duchesne County, Utah, to-wit:

Township 4 South, Range 1 West U.S.M.

Sec 15: SW/4NW/4, NW/4SW/4
Sec 16: S/2SW/4, N/2SW/4SE/4, NW/4SE/4,
S/2N/2, NE/4SE/4
Sec 17: SE/4SE/4
Sec 19: Lots 1,2,3,4, E/2NW/4, NE/4SW/4,
N/2SE/4SW/4, SW/4SE/4SW/4
Sec 22: SW/4, W/2SE/4, S/2NW/4
Sec 30: Lot 3

Township 4 South, Range 2 West U.S.M.

Sec 11: SE/4NE/4
Sec 14: Lot 2
Sec 22: NW/4
Sec 24: N/2SE/4

WHEREAS, the parties desire to settle their dispute on all claims for use of the surface and damage to crops arising from the drilling, completion and production activities and operations, and agree as to the measure of settlement for operations conducted by Inland on surface owned or controlled by Owner, above described, subject to the terms of this Agreement.

NOW, THEREFORE, In consideration of the mutual covenants herein contained, the parties agree as follows:

- 1 a). For wells located on crop land, within thirty (30) days after construction of any drillsite locations, and /or access roads upon the surface of crop land owned by Owner, Inland shall make a payment to Owner of One Thousand Five Hundred Dollars (\$1,500.00) per acre used by Inland for such drillsite locations and /or access roads. Such payment shall be for the use of the surface and damage to crops and shall cover the year in which such construction occurred. Crop land is defined as that which is now cultivated, seeded, harvested and the crop sold.
- b). Following the year in which the well is drilled, on or before September 15 of each calendar year that Inland's operations continue, Inland shall pay to Owner a sum calculated at the rate of 8 tons per acre at \$80.00 per ton for that acreage used by Inland which is out of crop production as it pertains to the drillsite location at the wellhead and such land used as an access road.
- 2 For wells located on non-crop land, within thirty (30) days after construction of any drillsite locations and/or access roads upon the surface of non-crop land owned by Owner, Inland shall make a one-time payment to Owner calculated at the rate of One Thousand Dollars (\$1,000.00) per acre utilized by Inland in its operations.
3. a) For pipeline right-of-way construction in which a pipeline is laid through surface owned by Owner, Inland shall make a one-time payment of a sum calculated at a rate of Five Dollars (\$5.00) per running rod, provided, however, as to any part of said pipeline construction which takes place on crop land after commencement of seasonal cultivation but prior to harvest time, the rate shall be calculated at a rate of Ten Dollars (\$10.00) per running rod utilized by Inland in its operations. When requested by Owner, pipelines shall be buried below plow depth and surface areas impacted by the construction shall be rehabilitated, including the reseeding of crop land.
- b). In the event related pipeline facilities such as a compressor site are constructed on crop land owned by Owner, Inland agrees to make a one-time payment to Owner of One Thousand Five Hundred

(\$1,500.00) per acre utilized by Inland in its operations. Should such related pipeline facilities be located on non-crop land, Inland shall make a one-time payment calculated at a rate of One Thousand Dollars (\$1,000.00) per acre utilized by Inland in its operations.

4. Owner agrees that upon receipt of the payments provided for in this Agreement for any future wells that may be drilled on surface owned by Owner, Inland shall be released and discharged from any and all claims, demands and losses arising out of such future operations for crop damage, acreage out of cultivation, interruption or interference with agricultural improvements and other claims.

5. For payments to be made and received under this Agreement, Owner agrees to protect, indemnify and save Inland and its employees, agents and contractors free and harmless from and against any and all claims, demands and losses, including costs and attorneys fees, accrued or accruing to Owner, its employees and/or tenants arising directly or indirectly in connection with operations by Inland, its employees, agents and contractors.

6. Following the completion of any well, Inland agrees to promptly clean up and maintain all areas of land continuing to be utilized in connection with oil and gas operations and to pay the cost of reclaiming and reseeding upon cessation of use.

7. This Agreement shall be binding upon and shall be for the benefit of the successors and assigns of Owner and Inland whether assigned, devised, bequeathed or otherwise transferred in whole or part by either of the parties hereto. The conditions herein contained shall be covenants running with the land.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the 14th day of March, 1997.

SURFACE OWNERS:

X Nolan O. Larsen
(Nolan O. Larsen) SSN 529 68 4547

Vicki Lynn Larsen
(Vicki Lynn Larsen) SSN 529 76 3264

INLAND PRODUCTION COMPANY

Chris A Potter
Chris A Potter, Attorney-in-Fact

Surface Only
Prospect/Unit name
Lease NO. _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	4301332970	<i>Sundance</i> FEDERAL 1-10-9-17	NENE	10	9S	17E	DUCHESNE	7/9/2009	7/30/09
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	12391	4301334069	GREATER BOUNDARY II <i>Fed</i> S-29-8-17	NESE	29	8S	17E	DUCHESNE	7/18/2009	7/30/09
<i>GRRV</i> <i>BHL = NESE</i>											
A	99999	17336	4301334258	TANNERJORGENSEN 15-22-4-1	SWSE	22	4S	1W	DUCHESNE	7/21/2009	7/30/09
<i>GRRV</i>											
A	99999	17337	4301334259	TANNERJORGENSEN 13-22-4-1	SWSW	22	4S	1W	DUCHESNE	7/22/2009	7/30/09
<i>GRRV</i>											
A	99999	17338	4301333103	FEDERAL 13-19-9-16	SWSW	19	9S	16E	DUCHESNE	7/18/2009	7/30/09
WELL 5 COMMENTS: <i>GRRV</i>											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

RECEIVED

JUL 27 2009

DIV. OF OIL, GAS & MINING

[Signature]
Signature
Jentri Park
Production Clerk
07/23/09
Date

NOTE: Use COMMENT section to explain why each Action Code was selected.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: TANNER-JORGENSEN 13-22-4-1

Api No: 43-013-34259 Lease Type: FEE

Section 22 Township 04S Range 01W County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 29

SPUDDED:

Date 08/13/2009

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by REED DURFEY

Telephone # (435) 823-5566

Date 08/13/2009 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: TANNERJORGENSEN 13-22-4-1
5. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 22, T4S, R1W		9. API NUMBER: 4301334259
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Spud Notice
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/23/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 8/13/09 MIRU Ross # 29. Spud well @ 9:00 am. Drill 410' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 407.83 KB. On 8/18/09 cement with 225 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Jim Smith TITLE Drilling Foreman
SIGNATURE  DATE 08/23/2009

(This space for State use only)

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AUG 25 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 407.83

LAST CASING _____ SET AT _____
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 410 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL TANNERJORGENSEN 13-22-4-1
 FIELD/PROSPECT MB
 CONTRACTOR & RIG # Ross # 29

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		92 well head					0.95
1		Guide shoe					0.9
1	8 5/8"	Shoe jt	24	J-55	STC	A	44.02
8	8 5/8"		24	J-55	STC	A	351.96

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	397.83
TOTAL LENGTH OF STRING	397.83	9	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	407.83
TOTAL	395.98	9	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	395.98	9		
TIMING				
BEGIN RUN CSG. Spud	9:00 AM	8/13/2009	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	5:00 PM	8/13/2009	Bbls CMT CIRC TO SURFACE	6
BEGIN CIRC	8:31 AM	8/18/2009	RECIPROCATED PIP	No
BEGIN PUMP CMT	8:43 AM	8/18/2009	BUMPED PLUG TO 250	
BEGIN DSPL. CMT	8:55 AM	8/18/2009		
PLUG DOWN	9:03 AM	8/18/2009		

[illegible]

COMPANY REPRESENTATIVE **Jim Smith** DATE **8/18/2009**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

8. WELL NAME and NUMBER:

TANNERJORGENSEN 13-22-4-1

9. API NUMBER:

4301334259

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 22, T4S, R1W

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/19/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 8/22/09 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 350'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6780'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 151 jt's of 5.5 J-55, 15.5# csgn. Set @ 6750' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned all spacers and a trace of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 11:00 PM on 8/27/09.

NAME (PLEASE PRINT) Justin Crum

TITLE Drilling Foreman

SIGNATURE

DATE 09/20/2009

(This space for State use only)

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SEP 24 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6750.33

LAST CASING 8 5/8" SET AT 407.83
 DATUM _____
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6780 LOGC 6767
 HOLE SIZE 7 7/8"

OPERATOR Newfield Exploration Company
 WELL TANNERJORGENSEN 13-22-4-1
 FIELD/PROSPECT MB
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		Landing JT		15.5	J-55	LTC		14
150	5 1/2"	Casing		15.50	J-55	LTC		6691.97
1	5 1/2"	Float Collar						0.6
1	5 1/2"	Casing (Shoe Jt.)		15.50	J-55	LTC		45.11
1	5 1/2"	Guide Shoe						0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6752.33
TOTAL LENGTH OF STRING		6752.33		LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		180.63	4	CASING SET DEPTH				6,750.33
TOTAL		6917.71	4	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6917.71	155					
TIMING								
BEGIN RUN CSG.	Spud	12:00 PM	8/27/2009	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		4:00 PM	8/27/2009	Bbls CMT CIRC TO SURFACE				0
BEGIN CIRC		4:00 PM	8/27/2009	RECIPROCATED PIP				Yes
BEGIN PUMP CMT		5:03 PM	8/27/2009	BUMPED PLUG TO				
BEGIN DSPL. CMT		5:48 PM	8/27/2009					2650
PLUG DOWN		6:13 PM	8/27/2009					

SHOW MAKE & SPACING

Middle first top second and third. Then every third collar for a total of 20.

DATE 8/28/2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

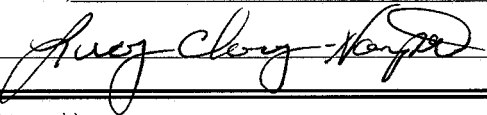
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: TANNERJORGENSEN 13-22-4-1
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 22, T4S, R1W		9. API NUMBER: 4301334259
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/24/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09-15-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Production Tech
SIGNATURE  DATE 09/24/2009

(This space for State use only)

RECEIVED
SEP 28 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

TANNERJORGENSEN 13-22-4-1**7/1/2009 To 11/30/2009****9/8/2009 Day: 1****Completion**

Rigless on 9/8/2009 - CBL & shot 1st stage. - Install 5M frac head & NU Weatherford Cameron single blind BOP. RU HO trk & pressure test casing, wellhead, casing valves & blind rams to 4500 psi. RU Perforators LLC WLT & mast. Run CBL under pressure f/ WLTD of 6637' to sfc. Found cmt top @ 330'. Perforate stage #1, CP5 sds @ 6599-6601', 6568- 70', CP4 sds @ 6470- 74' W/ 3 1/8" slick gun (19 gm charge, .49" EH, 21.92" pen, 120° phasing & 3 JSPF) for a total of 24 holes. RD WLT. SIFN W/ est 160 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$12,678**9/10/2009 Day: 2****Completion**

Rigless on 9/10/2009 - Frac & perforate 5 stages. Flow back well - Stage #2, CP3, CP2 & CP1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2', 4', 1', 2' & 3' perf guns. Set plug @ 6440'. Perforate CP3 sds @ 6392-94', CP2 sds @ 6350-54', 6320- 21', CP1 sds @ 6295-97' & 6274-77' w/ 3 1/8" port plug guns (11 gram, .36" HE, 120°, 16.82" pen,) w/ 3 spf for total of 36 shots. RU BJ Services. 1790 psi on well. Broke down @ 3931 psi @ 0 BPM. No ISIP, 1 min or 4 min due to low psi. Frac CP1, 2 & 3 sds w/ 41,265#'s of 20/40 sand in 453 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2880 psi @ ave rate of 46.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 1612 psi. Leave pressure on well. 1057 BWTR. - Stage #3, C sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 3', 3' & 3' perf guns. Set plug @ 5710'. Perforate C sds @ 5629-32', 5623-26', 5611- 14' w/ 3 1/8" port plug guns (11 gram, .36" HE, 120°, 16.82" pen,) w/ 3 spf for total of 27 shots. RU BJ Services. 1141 psi on well. Broke down @ 1232 psi @ 3.4 BPM. No ISIP, 1 min or 4 min due to low psi. Frac C sds w/ 68,227#'s of 20/40 sand in 596 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2064 psi @ ave rate of 42 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 1659 psi. Leave pressure on well. 1653 BWTR. - Stage #1, CP4 & CP5 sands. RU BJ Services. 53 psi on well. Broke down @ 2915 psi @ 3.2 BPM. ISIP 2243 psi. FG .78. 1 min 2050 psi, 4 min 1865 psi. Frac CP4 & 5 sds w/ 30,054#'s of 20/40 sand in 444 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3073 psi @ ave rate of 27.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 2745 psi. Leave pressure on well. 604 BWTR - Stage #4, DS 3 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 4' & 3' perf guns. Set plug @ 5450'. Misfire on perfs guns. POH w/ perf guns. Fixed short in guns. RIH w/ guns. Perforate DS3 sds @ 5372-76', 5365-68' w/ 3 1/8" port plug guns (11 gram, .36" HE, 120°, 16.82" pen,) w/ 3 spf for total of 21 shots. RU BJ Services. 1386 psi on well. Broke down @ 3117 psi @ 2.7 BPM. No ISIP, 1 min or 4 min due to low psi. Frac DS3 sds w/ 15,391#'s of 20/40 sand in 287 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2072 psi @ ave rate of 27 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 2056 psi. Leave pressure on well. 1940 BWTR. - Stage #5, GB6 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 4' perf guns. Set plug @ 5030'. Perforate GB6 sds @ 4960-64' w/ 3 1/8" port plug guns (11 gram, .36" HE, 120°, 16.82" pen,) w/ 3 spf for total of 12 shots. RU BJ Services. 1250 psi on well. Broke down @ 3795 psi @ 3.4 BPM. NO ISIP, 1 min or 4 min due to low psi. Frac GB6 sds w/ 11,775#'s of 20/40 sand in 269 bbls of Lightning 17 fluid. Pumped 780 gals

of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2905 psi @ ave rate of 26.9 BPM. ISDP 1900 psi. Begin flowback on 20/64 choke @ 3 BPM. Flowed for 5 1/2 hrs & died. Rec. est 921 BTF. SIWFN w/ 1288 BWTR.

Daily Cost: \$0

Cumulative Cost: \$118,192

9/11/2009 Day: 3**Completion**

WWS #1 on 9/11/2009 - Pickup tbg. Drlg plugs. - MIRUSU. Open well w/ 550 psi on casing. Flowed back 64 bbls fluid. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" used Chomp mill & x-over sub. Tally, pickup & TIH w/ new J-55 tbg to tag plug @ 5030'. RU swivel, pump & tanks. Drlg out plug #1 in 18 min. TIH w/ tbg to tag plug @ 5450'. Drlg out plug #2. TIH w/ tbg to leave EOT @ 5468'. SIFN. 1223 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$125,662

9/14/2009 Day: 4**Completion**

WWS #1 on 9/14/2009 - Drlg plugs. C/O well. - Open well w/ 300 psi on casing. TIH w/ tbg to tag plug @ 5710'. Drlg out plug #3. TIH w/ to tag fill @ 6395. C/O to plug @ 6440'. Drlg drlg out plug #4. TIH w/ tbg to tag fill @ 6584'. C/O to PBD @ 6704'. LD 3 jts tbg. EOT @ 6623'. RU swab equipment. Made 12 runs to rec'd 147 bbls of fluid. Last run showed trace of oil w/ no sand. FFL was 400'. RD swab equipment. TIH w/ tbg to tag no new sand. Circulate well clean. 1031 bbls EWTR. SIFN.

Daily Cost: \$0

Cumulative Cost: \$131,267

9/15/2009 Day: 5**Completion**

WWS #1 on 9/15/2009 - Put well on pump. - Open well w/ 100 psi on casing. TOOH w/ tbg. RD mill & X-over sub. TIH w/ NC, 1 jts tbg, SN, 2 jts tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 209 jts tbg. RD BOP's. Set TA @ 6533' w/ 18,000#'s tension w/ SN @ 6599' & EOT @ 6632'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 16' x 20' new Cntrl Hydrlic RHAC pump w/ 182"SL. 6- 1-1/2" weight rods, 20- 3/4" guided rods, 139- 3/4" plain rods, 97- 7/8" guided rods, 4', 6' X 7/8" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 6PM w/ 5.5 spm w/ 122"SL w/1005 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$174,299

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 827' FSL & 512' FWL (SW/SW) SEC. 22, T4S, R1W

At top prod. interval reported below

At total depth 6780'

14. Date Spudded
08/13/2009

15. Date T.D. Reached
08/26/2009

16. Date Completed 09/15/2009
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5141' GL 5153' KB

18. Total Depth: MD 6780'
TVD

19. Plug Back T.D.: MD 6682'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
✓ DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		408'		225 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6750'		300 PRIMLITE		330'	
						425 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6475'	TA @6378'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP5)&(CP4) SEE BELOW	.49"	3	24
B) GREEN RIVER			(CP3)(CP2)(CP1) SEE BE	.36"	3	36
C) GREEN RIVER			(C)5629-32,5623-26,5611-1	.36"	3	27
D) GREEN RIVER			(DS3)5372-76,5365-68'	.36"	3	21

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6568-6601'	Frac CP4 & 5 sds w/ 30,054#s of 20/40 sand in 444 bbls of Lightning 17 fluid.
6274-6394'	Frac CP1, 2 & 3 sds w/ 41,265#s of 20/40 sand in 453 bbls of Lightning 17 fluid.
5611-5632'	Frac C sds w/ 68,227#s of 20/40 sand in 596 bbls of Lightning 17 fluid.
5365-5376'	Frac DS3 sds w/ 15,391#s of 20/40 sand in 287 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/15/09	10/06/09	24	→	134	98	22			2-1/2" x 1-1/2" x 16' x 17' RHAC w/ 169"SL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4386' 4576'
				GARDEN GULCH 2 POINT 3	4698' 4984'
				X MRKR Y MRKR	5217' 5253'
				DOUGALS CREEK MRK BI CARBONATE MRK	5389' 5689'
				B LIMESTON MRK CASTLE PEAK	5842 6224'
				BASAL CARBONATE	6625'

32. Additional remarks (include plugging procedure):

Perforate stage #1, CP5 sds @ 6599-6601', 6568- 70', CP4 sds @ 6470- 74' W/ 3 1/8" slick gun (19 gm charge, .49" EH, 21.92" pen, 120° phasing & 3 JSPF) for a total of 24 holes.
 Perforate stage #2, CP3 sds @ 6392-94', CP2 sds @ 6350-54', 6320- 21', CP1 sds @ 6295-97' & 6274-77' w/ 3 1/8" port plug guns (11 gram, .36" HE, 120°, 16.82" pen,) w/ 3 spf for total of 36 shots.
 Stage #5, GB6 sands. Perforate GB6 sds @ 4960-64' w/ 3 1/8" port plug guns (11 gram, .36" HE, 120°, 16.82" pen,) w/ 3 spf for total of 12 shots. Frac GB6 sds w/ 11,775#s of 20/40 sand in 269 bbls of Lightning 17 fluid.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi Lee

Title Production Clerk

Signature 

Date 10/21/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)